

INTERNATIONAL SEARCH REPORT

Inte 31 Application No
PCT/NL2004/000565

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M27/00 A61M1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M A61J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---------------|---|-----------------------|
| A | DE 21 27 764 A (BROWN BOVERI) 30 November 1972 (1972-11-30) cited in the application the whole document | 1,6,10 |
| A | NL 1 006 001 C (EUROPEAN MEDICAL CONTRACT MANUFACTURING) 4 January 1999 (1999-01-04) cited in the application page 6, line 11 - page 7, line 30; figures | 1,6 |
| A | WO 97/38732 A (REITSMA BERT J) 23 October 1997 (1997-10-23) claims 1-8; figures | 1,6-8 |
| A | US 4 569 674 A (BOOTH III WILLIAM M ET AL) 11 February 1986 (1986-02-11) abstract; figures | 1 |
| ----- -/-- | | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

22 July 2005

Date of mailing of the international search report

29 JUL 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kousouretas, I

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | US 5 713 879 A (SCHNEIDER LOTHAR) 3 February 1998 (1998-02-03) abstract; figures | 1,6-8 |
| A | US 4 880 411 A (FANGROW JR THOMAS F ET AL) 14 November 1989 (1989-11-14) abstract; figures | 1 |
| X | FR 2 633 825 A (AGA AB OY) 12 January 1990 (1990-01-12) page 4, line 10 - page 5, line 3; figures | 18,19 |
| X | DE 91 01 066 U1 (B. BRAUN MELSUNGEN AG, 3508 MELSUNGEN, DE) 18 April 1991 (1991-04-18) page 6, paragraph 2 - page 8, paragraph 1; figures | 20,21 |
| X | US 4 681 571 A (NEHRING ET AL) 21 July 1987 (1987-07-21) | 18 |
| A | the whole document | 20,22,23 |
| A | US 4 551 141 A (MCNEIL ET AL) 5 November 1985 (1985-11-05) abstract; figures | 18,20, 24,26,27 |

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International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-17

Wound drainage device comprising a housing having a vacuum chamber for receiving a collection container and means for generating a reduced pressure wherein said means comprise a gas-transformer means in communication with a pressure resistant having a coupling for connection to an external gas source compartment and with the vacuum chamber.

2. claims: 18-27

The collection container (suitable for but not necessarily being part of a wound drainage device according claims 1-5) comprising a flexible container in communication with a feed and a cover.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/NL2004/000565

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|---|--|
| DE 2127764 | A | 30-11-1972 | CH 531351 A DE 2127764 A1 | 15-12-1972 30-11-1972 |
| NL 1006001 | C | 10-11-1998 | NL 1006001 C2 | 10-11-1998 |
| WO 9738732 | A | 23-10-1997 | US 6261276 B1 AU 2500597 A WO 9738732 A2 | 17-07-2001 07-11-1997 23-10-1997 |
| US 4569674 | A | 11-02-1986 | CA 1196828 A1 EP 0100672 A2 JP 1724332 C JP 4011222 B JP 59044265 A | 19-11-1985 15-02-1984 24-12-1992 27-02-1992 12-03-1984 |
| US 5713879 | A | 03-02-1998 | DE 9403245 U1 AT 166579 T DE 59502294 D1 EP 0669139 A1 | 05-05-1994 15-06-1998 02-07-1998 30-08-1995 |
| US 4880411 | A | 14-11-1989 | NONE | |
| FR 2633825 | A | 12-01-1990 | FI 78233 B DK 49689 A FR 2633825 A1 NO 890463 A ,B, SE 465251 B SE 8900383 A | 31-03-1989 09-01-1990 12-01-1990 09-01-1990 19-08-1991 09-01-1990 |
| DE 9101066 | U1 | 18-04-1991 | DE 9001297 U1 BR 9100237 A | 09-08-1990 22-10-1991 |
| US 4681571 | A | 21-07-1987 | NONE | |
| US 4551141 | A | 05-11-1985 | NONE | |